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TO : Mr. W. B. Cridlin DATE: January 15, 1971

FROM : N. B. Rainer

SUBJECT: Invention Record - "Composition and Process for Absorption of HCN"

The above-identified Invention Record was submitted to you a year ago (February 6, 1970) with the recommendation that it be accorded high priority of handling. To my knowledge, no patent action of any kind has yet been taken. There has not even been a prior art study to ascertain the scope of potential patentability.

Further laboratory studies have verified that the HCN absorbent is highly selective, very efficient, substantially non-toxic, and relatively inexpensive. No negative aspects have yet been encountered

We have found that, in addition to triethanolamine, other complexing agents which may be used with the cuprous salt include amines such as polyethyleneimines, phenylpropanolamine, and diethylhydroxylamine, and carboxylic acids such as formic and acetic acids. It has also been found that the absorbent can be applied to tow and granular materials. Cuprous compounds are still preferred over all other metal salts in forming the absorbent.

Dr. Charles Hoelzel should be considered as a co-inventor.

It has been brought to my attention that an outside supplier is now working along very similar lines.

Again I request that this technology be accorded high priority for patent study. I would appreciate some reply from you which would indicate the scheduling which might be expected in your study of this matter.

NBR:mro
cc: Dr. T. S. Osdene
Dr. R. M. Ikeda
Dr. P. A. Eichorn

N B Rainer

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